

FORM PTO-1390  
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER

AM100246-00

U.S. APPLICATION NO (IF KNOWN SEE 37 CFR 1.5)

10/019481

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.

PCT/US 00/17895

INTERNATIONAL FILING DATE

June 28, 2000

PRIORITY DATE CLAIMED

July 5, 1998

TITLE OF INVENTION: **ANT Controllers and Method for Application Thereof**

APPLICATION(S) FOR DO/EO/US: Takagi, Kazuhiro, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include the items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ Has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(C)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ Has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made
8. ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20 below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included
13. ☐ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A Change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (If known see 37 CFR 1.57) <b>10/019481</b>		INTERNATIONAL APPLICATION NO. <b>PCT/US00/17895</b>		ATTORNEY'S DOCKET NUMBER <b>AM100246-00</b>	
21. <input checked="" type="checkbox"/> The following fees are submitted:				<b>CALCULATIONS</b> PTO    USE    ONLY	
<b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....				<b>\$1040.00</b>	
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....				<b>\$890.00</b>	
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....				<b>\$740.00</b>	
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....				<b>\$710.00</b>	
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....				<b>\$100.00</b>	
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>\$740.00</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				<input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30	
				\$	
CLAIMS	Number Filed	Number Extra	Rate		
Total claims	19 - 20 =	0	X \$18.00	<b>\$0.00</b>	
Independent claims	1 - 03 =	0	X \$80.00	<b>\$0.00</b>	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00	<b>\$270.00</b>	
<b>TOTAL OF ABOVE CALCULATION =</b>				<b>\$0.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				<b>\$1010.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).				<input type="checkbox"/> 20 <input type="checkbox"/> 30	
<b>TOTAL NATIONAL FEE =</b>				<b>\$1010.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 per property</b> +				<b>\$40.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$0.00</b>	
				Amount to be: Refunded	\$
				Charged	<b>\$1,050.00</b>

  

a. ☐ A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 02-1197 in the amount of \$1050.00 to cover the above fees  
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 02-1197. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card**  
Information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137(a) or (b)) must be filed and granted to restore the application to pending status.

**SEND ALL CORRESPONDENCE TO:**  
**BASF CORPORATION**  
 Patent Department  
 3000 Continental Drive - North  
 Mount Olive, New Jersey 07828-1234  
 (973) 426-3293

*Barbara V. Maurer*  
**SIGNATURE**

**Barbara V. Maurer**  
 Name  
31.278  
**REGISTRATION NUMBER**

10/019481  
JGI d PCT/PTO 31 DEC 2001

Docket No. AM100246-00  
Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Kazuhiro Takagi et al.**  
Serial No.: **To Be Assigned** Examiner: **To Be Assigned**  
Filed: **Herewith** Art Unit: **To Be Assigned**  
For: **Ant Controllers And Method For Application Thereof**

Assistant Commissioner for Patents  
Washington, DC 20231

December 27, 2001

Sir:

FILING RECEIPT

Here are the following papers:

1. Transmittal Letter to the U.S. Designated/Elected Office Concerning A Filing Under 35 U.S.C. 371
2. International Application Publication No. WO 01/01782
3. International Application Publication No. WO 01/01782 with amended claims 1-10
4. International Preliminary Examination Report
5. Assignment of Invention with Recordation Cover Sheet

The PTO is respectfully requested to date stamp the duplicate copy of this receipt and return it to the person filing the papers.

Respectfully submitted,



Barbara V. Maurer  
Reg. No. 31,278

Intellectual Property Department  
BASF Corporation  
3000 Continental Drive - North  
Mount Olive, New Jersey 07828-1234  
Tel. No. (609) 716-3273

The PTO did not receive the following  
listed item(s)

No Postcard